



**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**

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Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
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09/234,132

01/20/99

HSEI

V

P1085R4-JA

HM12/0322

RICHARD B LOVE

GENENTECH INC

1 DNA WAY

SOUTH SAN FRANCISCO CA 94080-4990

EXAMINER

DIERINO, M

ART UNIT

PAPER NUMBER

1644

DATE MAILED:

03/22/00

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NO.

EXAMINER	
ART UNIT	PAPER NUMBER

DATE MAILED:

Please find below a communication from the EXAMINER in charge of this application

This application contains sequence disclosures that are encompassed by the definitions for nucleotide and/or amino acid sequences set forth in 37 CFR 1.821(a)(1) and (a)(2). However, this application fails to comply with the requirements of 37 CFR 1.821 through 1.825 for the reason(s) set forth on the attached Notice To Comply With Requirements For Patent Applications Containing Nucleotide Sequence And/Or Amino Acid Sequence Disclosures. See the attached copy of the marked-up "Raw Sequence Listing."

Any inquiry concerning this communication should be directed to Examiner **Marianne DiBrino**, Art Unit **1644**, whose telephone number is **703-305-1987**.

Any inquiry of a general nature or relating to the status of this application should be directed to the Technology Center receptionist whose telephone number is (703) 308-0196.

APPLICANT IS GIVEN A ONE MONTH EXTENDABLE PERIOD WITHIN WHICH TO COMPLY WITH THE SEQUENCE RULES, 37 CFR 1.821 - 1.825. Failure to comply with these requirements will result in ABANDONMENT of the application under 37 CFR 1.821(g). Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136. In no case may an applicant extend the period for response beyond the six month statutory period. Applicant is requested to return a copy of the attached Notice to Comply with the response.

*Marianne DiBrino*

Marianne DiBrino, Ph.D.  
March 19, 2000

*Christina Y. Chan*  
CHRISTINA Y. CHAN  
SUPERVISORY PATENT EXAMINER  
GROUP 1800

Application No.: 09/234,182

**NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING  
NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s)

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: \_\_\_\_\_

**Applicant Must Provide:**

- ☒ An ~~initial~~ or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An ~~initial~~ or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

**PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE**

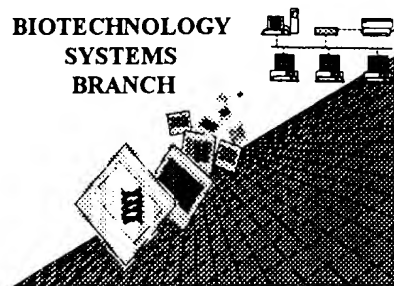
COPY FOR ☒ File ☐ Applicant

Dibrino

Return

# RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/234,182

Art Unit / Team No. : 1600

Date Processed by STIC: 1/29/99

**THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.**

**PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:**

**1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,**

**2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY**

**THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.**

**IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:**

MARK SPENCER 703-308-4212

*re-run*

RAW SEQUENCE LISTING  
PATENT APPLICATION US/09/234,182

DATE: 01/29/1999  
TIME: 13:42:11

INPUT SET: S30387.raw

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.

1		SEQUENCE LISTING		Not Comply
2				
3	(1) General Information:			ette New
4				
5	(i) APPLICANT: Genentech, Inc., Hsei, Vanessa			
6	Koumenis, Iphigenia			
7	Leong, Steven R.			
8	Presta, Leonard G.			
9	Shahrokh, Zahra			
10	Zapata, Gerardo A.			
11				
12	(ii) TITLE OF INVENTION: ANTIBODY FRAGMENT-POLYMER CONJUGATES AND			
13	HUMANIZED ANTI-IL-8 MONOCLONAL ANTIBODIES			
14				
15	(iii) NUMBER OF SEQUENCES: 72			
16				
17	(iv) CORRESPONDENCE ADDRESS:			
18	(A) ADDRESSEE: Genentech, Inc.			
19	(B) STREET: 1 DNA Way			
20	(C) CITY: South San Francisco			
21	(D) STATE: California			
22	(E) COUNTRY: USA			
23	(F) ZIP: 94080			
24				
25	(v) COMPUTER READABLE FORM:			
26	(A) MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk			
27	(B) COMPUTER: IBM PC compatible			
28	(C) OPERATING SYSTEM: PC-DOS/MS-DOS			
29	(D) SOFTWARE: WinPatin (Genentech)			
30				
31	(vi) CURRENT APPLICATION DATA:			
32	(A) APPLICATION NUMBER:			
33	(B) FILING DATE: 20-Jan-1999			
34	(C) CLASSIFICATION:			
35				
36	(vii) PRIOR APPLICATION DATA:			
37	(A) APPLICATION NUMBER: 60/074330			
38	(B) FILING DATE: 22-JAN-1998			
39				
40	(vii) PRIOR APPLICATION DATA:			
41	(A) APPLICATION NUMBER: 60/094003			
42	(B) FILING DATE: 24-JUL-1998			
43				
44	(vii) PRIOR APPLICATION DATA:			
45	(A) APPLICATION NUMBER: 60/094013			

PAGE: 1

SEQUENCE VERIFICATION REPORT  
PATENT APPLICATION US/09/234,182

DATE: 01/29/1999  
TIME: 13:42:12

INPUT SET: S30387.raw

Line	Error	Original Text
413	Wrong or Missing Sequence Type	(B) TYPE: DNA
1155	Wrong or Missing Sequence Type	(B) TYPE: PRT
1254	Wrong or Missing Sequence Type	(B) TYPE: PRT

# RAW SEQUENCE LISTING PATENT APPLICATION US/09/234,182

DATE: 01/29/1999  
TIME: 13:42:11

INPUT SET: S30387.raw

46 (B) FILING DATE: 24-JUL-1998  
47  
48 (vii) PRIOR APPLICATION DATA:  
49 (A) APPLICATION NUMBER: 60/075467  
50 (B) FILING DATE: 20-FEB-1998  
51  
52 (viii) ATTORNEY/AGENT INFORMATION:  
53 (A) NAME: Love, Richard B.  
54 (B) REGISTRATION NUMBER: 34,659  
55 (C) REFERENCE/DOCKET NUMBER: P1085R4-1A  
56  
57 (ix) TELECOMMUNICATION INFORMATION:  
58 (A) TELEPHONE: 650/225-5530  
59 (B) TELEFAX: 650/952-9881

## ERRORED SEQUENCES FOLLOW:

409 (2) INFORMATION FOR SEQ ID NO:22:

410

411 (i) SEQUENCE CHARACTERISTICS:

412 (A) LENGTH: 21 base pairs

--> 413 (B) TYPE: DNA *nucleic acid* ("DNA" is only used under new

414 (C) STRANDEDNESS: Single

415 (D) TOPOLOGY: Linear

416

417 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:22:

418

419

420 CCACTAGTAC GCAAGTTCAC G 21

421

1151 (2) INFORMATION FOR SEQ ID NO:47:

1152

1153 (i) SEQUENCE CHARACTERISTICS:

1154 (A) LENGTH: 109 amino acids

--> 1155 (B) TYPE: PRT *Amino acid*

1156 (D) TOPOLOGY: Linear

1157

1158 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:47:

1159

1160 Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val

1161 1 5 10 15

1162

1163 Gly Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Lys Thr Ile Ser

1164 20 25 30

1165

1166 Lys Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys

1167 35 40 45

1168

1169 Leu Leu Ile Tyr Tyr Ser Gly Ser Thr Leu Glu Ser Gly Val Pro

# RAW SEQUENCE LISTING PATENT APPLICATION US/09/234,182

DATE: 01/29/1999  
TIME: 13:42:11

INPUT SET: S30387.raw

1170		50		55		60
1171						
1172	Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr					
1173		65		70		75
1174						
1175	Ile Ser Ser Leu Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Gln					
1176		80		85		90
1177						
1178	Gln His Asn Glu Tyr Pro Leu Thr Phe Gly Gln Gly Thr Lys Val					
1179		95		100		105
1180						
1181	Glu Ile Lys Arg					
1182						
1183						

*only number the amino acids under every 5 amino acids*

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1250 (2) INFORMATION FOR SEQ ID NO:50:

1251

1252 (i) SEQUENCE CHARACTERISTICS:

1253 (A) LENGTH: 116 amino acids

--> 1254 (B) TYPE: PRT

1255 (D) TOPOLOGY: Linear

1256

1257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:50:

1258

1259 Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly

1260 1 5 10 15

1261

1262 Gly Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Phe Thr

1263 20 25 30

1264

1265 Gly His Trp Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu

1266 35 40 45

1267

1268 Glu Trp Val Gly Met Ile His Pro Ser Asp Ser Glu Thr Arg Tyr

1269 50 55 60

1270

1271 Ala Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser

1272 65 70 75

1273

1274 Lys Asn Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp

1275 80 85 90

1276

1277 Thr Ala Val Tyr Tyr Cys Ala Ala Arg Gly Ile Tyr Phe Tyr Gly

1278 95 100 105

1279

1280 Thr Thr Tyr Phe Asp Tyr Trp Gly Gln Gly Thr

1281 110 115 *116*

1282

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